Purushottam Kumar

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Durgapur, Patna

EDUCATION

Bachelor of Technology (B.Tech), Information Technology
NIT Durgapur
2017 - 2021
CGPA: 8.61/10

Senior Secondary (XII), Science
Oriental College
(B.S.E.B. board)
Year of completion: 2017
Percentage: 70.00%

Secondary (X)
Presidency School
(CBSE board)
Year of completion: 2015
CGPA: 9.40/10

INTERNSHIPS

Research Intern
National Institute Of Technology, Durgapur, Virtual
May 2020 - Jul 2020

Our model is 'Secure Digital Academic Certificate using Blockchain'
We developed a from the generation of a digital academic certificate using steganography to verification of these certificates.
Blockchain is used to provide decentralization.

Research Intern
Indian Institute of Technology, Patna, Patna
May 2019 - Jul 2019

I work on 'Gender, Age and dialect Recognition using Tweets in a deep learning framework'.
Implement the model on Arabic tweets.
Our model is based on the LSTM model with special feature extraction.

POSITIONS OF RESPONSIBILITY

Creative Head of Hindi club 'DARPAN'
Convenor of 'THINK INDIA - NIT DURGAPUR'

PROJECTS

Game theory
Nov 2019 - Dec 2019

Our model is a stable-matching algorithm based on Game theory.
This model is used for efficient seat allocations and reallocation in admissions.

Stegnography model using cryptography for multi Biometric Authentication
Aug 2019 - Oct 2019

Biometric identification system using steganography and cryptography.
We are using images of 5 different persons in the dataset.
Submit this research paper in the Springer journal.

Generation of cooking fuel using septic tank

Jun 2015 - Jul 2015

The main goal is to reduce the uses of LPG in the household. So we will provide the fuel which is methane present in their septic tank. This is economically cheap and good for environment.

SKILLS	**C Programming**	**Python**
	Intermediate	Advanced
	MATLAB	**C++ Programming**
	Beginner	Intermediate
	HTML	**Database Management System (DBMS)**
	Beginner	Intermediate
	English Proficiency (Spoken)	**Deep Learning**
	Intermediate	Intermediate
	Embedded Systems	**Image Processing**
	Beginner	Intermediate
	Blockchain	
	Beginner	

WORK SAMPLES

GitHub profile

https://github.com/purushottam22

ADDITIONAL DETAILS

Publish a research paper named " Gender, Age and dialect Recognition using Tweets in a deep learning framework - Notebook for FIRE 2019" on 12 th Dec 2019.